

AMENDMENTS

Amendments to the Claims:

The following listing of claims replaces all previous listings or versions thereof:

Listing of Claims:

- 1-33. (Canceled)
34. (Previously Presented) A method of inhibiting the formation of inhibin/betaglycan complexes on the surface of a cell by contacting the cell with an anti-betaglycan antibody.
35. (Previously Presented) The method of claim 34, wherein activin-induced signaling in the cell is increased.
36. (Previously Presented) The method of claim 35, wherein the cell is a pituitary cell.
37. (Previously presented) The method of claim 35, wherein the increased activin-induced signaling in the cell increases production of follicle stimulating hormone (FSH).
38. (Canceled)
39. (Currently amended) The method of claim ~~[[38]]~~37, wherein the method is used to treat a reproductive disorder.
40. (Previously presented) The method of claim 39, wherein the reproductive disorder is reduced fertility.